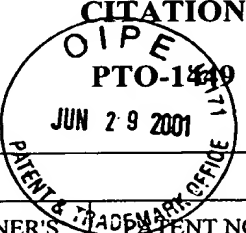
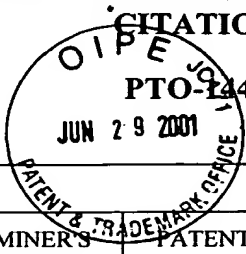


<b>INFORMATION DISCLOSURE CITATION</b> 		ATTY. DOCKET NO. 21200-706		SERIAL NO. 09/684,565			
		APPLICANT David C. Gelvin, et al.					
		FILING DATE 10/4/2000		GROUP 2131			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
PL	6,208,247	3/27/2001	Agre, et al.	340	539	8/18/98	
PL	4,520,674	6/4/85	Canada, et al.	73	660	11/14/83	
PL	4,649,524	3/10/87	Vance	367	13	8/22/83	
PL	4,812,820	3/14/89	Chatwin	340	518	7/23/86	
PL	4,855,713	8/8/89	Brunius	340	506	10/7/88	
PL	4,951,029	8/21/90	Severson	340	506	2/16/88	
PL	5,241,542	8/31/93	Natarajan, et al.	370	95.3	8/23/91	
PL	5,247,564	9/21/93	Zicker	379	40	10/24/90	
PL	5,295,154	3/15/94	Meier, et al.	375	1	5/3/93	
PL	5,428,636	6/27/95	Meier	375	202	5/7/93	
PL	5,475,687	12/12/95	Markkula, Jr., et al.	370	85.1	7/27/93	
PL	5,553,076	9/3/96	Behtash, et al.	370	95.3	5/2/94	
PL	5,659,195	8/19/97	Kaiser, et al.	257	415	6/8/95	
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
						<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
PL	Ann Bhatnagar, et al., "Layer Net: A New Self-Organizing Network Protocol"; 1990 IEEE Military Communications Conference, Monterey, CA., September 30 thru October 3; pgs. 845-849.						
	Norman Abramson, "The Throughput of Packet Broadcasting Channels", IEEE Transactions on Communications, Vol. Com-25, No. 1, January 1977, pgs. 117-128.						
PL	C. David Young, "USAP: A Unifying Dynamic Distributed Multichannel TDMA Slot Assignment Protocol", Milcom 96 Conference Proceedings, October 22-24, 1996, pgs. 235-239.						
	G. Asada, et al. "Low Power Wireless Communication and Signal Processing Circuits for Distributed Microsensors", Proceedings of 1997 IEEE International Symposium on Circuits and Systems; June 9-12, 1997, Hong Kong, pgs. 2817-2820.						
	K. Bult, et al. "Low Power Systems for Wireless Microsensors", 1996 International Symposium on Low Power Electronics and Design; pgs. 17-21.						
EXAMINER <i>Shirley</i>			DATE CONSIDERED 2/2/04				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE</b> <b>CITATION</b> 		ATTY. DOCKET NO. 21200-706		SERIAL NO. 09/684,565			
		APPLICANT David C. Gelvin, et al.					
		FILING DATE 10/4/2000		GROUP 2131			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
PL	5,726,911	3/10/98	Canada, et al.	364	550	8/22/96	
PL	5,852,351	12/22/98	Canada, et al.	318	490	8/20/97	
PL	5,854,994	12/29/98	Canada, et al.	702	56	8/23/96	
PL	5,907,491	5/25/99	Canada, et al.	364	468.15	4/4/97	
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
						<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
PL	Anthony Ephremides, et al. "A Design Concept for Reliable Mobile Radio Networks with Frequency Hopping Signaling"; Proceedings of the IEEE, Vol. 75, No.1, January 1987; pgs. 56-73						
	K. Bult, et al., "Wireless Integrated Microsensors"; Solid-State Sensor and Actuator Workshop, Hilton Head South Carolina, June 3-6, 1996, pgs. 205-210.						
PL	C. David Young, "A Unifying Dynamic Distributed Multichannel TDMA Slot Assignment Protocol", Rockwell International Working Paper, October 25, 1995, pgs. 1-29.						
	Tsung-Hsien Lin, et al, "Wireless Integrated Network Sensors (WINS) for Tactical Information Systems", Rockwell Science Center, Thousand Oaks, January 1998, pgs. 1-6.						
PL	Michael J. Dong, et al. "Low Power Signal Processing Architectures for Network Microsensors"; University of California, Los Angeles, ISLPED 97, International Symposium on Low Power Electronics and Design, January 1998, pgs. 1-5.						
EXAMINER	<i>Philip H</i>		DATE CONSIDERED 2/4/04				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO-1449 (Modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. SENS.P006	APPLICATION NUMBER 09/684,565
	APPLICANT Gelvin, et al.	
	FILING DATE October 4, 2000	GROUP ART UNIT 2131

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
PL	6,028,857	02/22/2000	Poor	370	351	07/25/97

RECEIVED

JAN 10 2003

Technology Center 2100

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PL	K. Sohrabi, J. Gao, V. Ailawadhi, G. Pottie, "A Self-Organizing Wireless Sensor Network," Proc. 37 <sup>th</sup> Allerton Conf. On Comm., Control, and Computing, Monticello, IL, Sept. 1999.
PL	D.J. Baker and A. Ephremides, "The Architectural Organization of a Mobile Radio Network via a Distributed Algorithm," IEEE Transactions on Communications, Vol. Com-29, No. 11, Nov. 1981, pp. 1694-1701.
PL	J. Elson, L. Girod, and D. Estrin, "Fine-Grained Network Time Synchronization Using Reference Broadcasts," submitted to SIGCOMM 2002.
PL	W. Merrill, K. Sohrabi, L. Girod, J. Elson, F. Newberg, and W. Kaiser, "Open Standard Development Platforms for Distributed Sensor Networks," Aerosense Conference, Orlando, FL, April 2002.
PL	M. Gerla and J. Tzu-Chieh Tsai, "Multicluster, Mobile, Multimedia Radio Network," ACM-Baltzer Journal of Wireless Networks, Vol. 1, No. 3, pp.255-265, 1995.
PL	C. R. Lin and M. Gerla, "Adaptive Clustering for Mobile Wireless Networks."

Philip hu

2/5/04



Technology Center 2100  
APR 10 2001  
RECEIVED

<b>INFORMATION DISCLOSURE CITATION</b>  APR 05 2001 PTO-1449		ATTY. DOCKET NO. 21200-706		SERIAL NO. 09/684,565			
		APPLICANT David C. Gelvin, et al.					
		FILING DATE October 4, 2000		GROUP 2131			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
PL	5,732,074	3/24/98	Spaur, et al.	370	313	1/16/96	
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
PL	S. Natkunanathan, et al., "A Signal Search Engine for Wireless Integrated Network Sensors", ASFL Annual Symposium, March 2000, pgs. 1-4						
	Michael J. Dong, et al., "Low Power Signal Processing Architectures for Network Microsensors", 1997 International Symposium on Low Power Electronics and Design; Digest of Technical Papers (1997) pgs. 173-177.						
PL	Tsung-Hsien Lin, et al., "CMOS Front End Components for Micropower RF Wireless Systems", Proceedings of the 1998 International Symposium on Low Power Electronics & Design, pp. 11-15, August 1998						
	G. Asada, et al., "Wireless Integrated Network Sensors: Low Power Systems on a Chip", Proceedings of the 1998 European Solid State Circuits Conference (ESSCIRC), pp. 1-8 The Hague, The Netherlands, September 22-24, 1998.						
PL	Gregory J. Pottie, R&D Quarterly and Annual Status Report for AWAIRS, pp. 1-28; January 1, 1999-April 31, 1999						
	Gregory J. Pottie, et al., "Wireless Integrated Network Sensors: Towards Low Cost and Robust Self-Organizing Security Networks, SPIE Conference on Sensors, C3I, Information and Training Tech. for Law Enforcement, Boston, MA.; pp. 1-10; November 3-5, 1998						
EXAMINER <i>Philip Hu</i>			DATE CONSIDERED <i>2/5/04</i>				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <b>PTO-1449</b>		<b>ATTY. DOCKET NO.</b> 21200-706		<b>SERIAL NO.</b> 09/684,565			
		<b>APPLICANT</b> David C. Gelvin, et al.					
		<b>FILING DATE</b> October 4, 2000		<b>GROUP</b> 2131			
<b>U.S. PATENT DOCUMENTS</b>							
<b>EXAMINER'S INITIALS</b>	<b>PATENT NO.</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>FILING DATE</b>	
<b>FOREIGN PATENT DOCUMENTS</b>							
<b>EXAMINER'S INITIALS</b>	<b>PATENT NO.</b>	<b>DATE</b>	<b>COUNTRY</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>TRANSLATION</b>	
						<b>YES</b>	<b>NO</b>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
PL	Loren P. Clare, et al., "Self-Organizing Distributed Sensor Networks", SPIE 13 <sup>th</sup> . Annual Symposium on Aerosense/Defense Sensing, Simulation and Controls, UGS Technologies and Applications Conference, Orlando, Florida; pp. 1-9; April 5-9, 1999.						
	J. Agre, et al., "Autoconfigurable Distributed Control Systems", Proceedings of the 2 <sup>nd</sup> . International Symposium on Autonomous Decentralized Systems (ISADS 95), Phoenix, Arizona; pp. 1-8; April 25-27, 1995						
PL	Jonathan R. Agre, et al., "Development Platform for Self-Organizing Wireless Sensor Networks", SPIE 13 <sup>th</sup> . Annual Symposium on Aerosense/Defense Sensing, Simulation and Controls, Unattended Ground Sensor Technologies and Applications Conference, Orlando, Florida; pp. 1-12; April 5-9, 1999.						
<b>EXAMINER</b>			Philip Lee DATE CONSIDERED 2/5/04				


EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> Form PTO-1449 (Modified) (Use several sheets if necessary)				ATTY. DOCKET NO. 37302.8006		SERIAL NO. 09/684,565	
<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; color: black; font-weight: bold; font-size: 1.2em;">             OIPE              NOV 11 2001              MAIL DATE CANCELLED              PATENT &amp; TRADEMARK OFFICE           </div> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; color: black; font-weight: bold; font-size: 1.2em;">             OIPE              NOV 30 2001              PATENT &amp; TRADEMARK OFFICE           </div> </div>				APPLICANT Gelvin, et al.			
				FILING DATE October 4, 2000		GROUP 2131	
U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
DL	5,745,759	04/28/98	Hayden and Burgener				
PL	5,737,529	04/07/98	Dolin, Jr., et al.				
PL	5,794,164	08/11/98	Beckert, et al.				
PL	6,009,363	12/28/99	Beckert, et al.			<b>RECEIVED</b>  <b>DEC 14 2001</b>  <b>Technology Center 2100</b>	
PL	6,028,537	02/22/00	Suman, et al.				
PL	6,144,905	11/07/00	Gannon				
PL	6,145,082	11/07/00	Gannon, et al.				
DL	6,175,789	01/16/01	Beckert, et al.				
PL	6,181,994	01/30/01	Colson and Alewine				
PL	6,185,491	02/06/01	Gray and Chu				
PL	6,202,008	03/13/01	Beckert, et al.				
PL	6,246,935	06/12/01	Buckley				
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
PL	0814393	12/29/97	Europe				
PL	19743137	04/01/99	Germany				
PL	9917477	04/08/99	PCT				
PL	2,245,963	2/26/00	Canada				
PL	0054237	09/14/00	PCT				
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
PL	Asada, G., et al., "Wireless Integrated Network Sensors (WINS)" PROCEEDINGS OF THE SPIE, SPIE, Bellingham, VA 3673:11-18 (1999).						
PL	Lohle, H., et al., "Bordermaster 2000- An Advanced Border Surveillance System", ELECTRICAL COMMUNICATION, Alcatel. Brussels, BE 153-158 (1994).						
EXAMINER				DATE CONSIDERED			
				2/5/04			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	Method for collecting and processing data using internetworked wireless integrated network sensors (WINS)						
<div>Application Number: 09/684565    </div> <div>Confirmation Number: 2089</div> <div>First Named Applicant: David Gelvin</div> <div>Attorney Docket Number: SENS.P006</div> <div>Art Unit: 2131</div> <div>Search string: ( 5760530 ).pn.</div> <div>RECEIVED DEC 15 2003 Technology Center 2100</div>							
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
PL	1	5760530	1998-06-02	Kolesar			
Signature							
Examiner Name				Date			
Philip Lee				2/6/04			